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State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

RECEIVED

AUG - 5 1992

O. C. D.
REGISTRATION OFFICE

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Marathon Oil Company		Well API No. 30-005-62899
Address P. O. Box 552, Midland, Texas 79702		
Reason(s) for Filing (Check proper box) <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Change in Transporter of: <input type="checkbox"/> Recompletion <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> <input type="checkbox"/> Change in Operator <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>		
<input checked="" type="checkbox"/> Other (Please explain) Request testing allowable for 1500 bbls of oil for the month of August		
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Marathon Federal	Well No. 2	Pool Name, including Formation South Lone Wolf (Devonian)	Kind of Lease State, Federal or Fee	Lease No. NM 62195
Location Unit Letter <u>F</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>33</u> Township <u>13-S</u> Range <u>29-E</u> , NMPM, Chaves County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> <u>FFC</u>	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit <u>F</u>	Sec. <u>3</u>	Twp. <u>13-S</u>	Rge. <u>29-E</u>	Is gas actually connected?	When?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <u>X</u>	Gas Well	New Well <u>X</u>	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded <u>6/6/92</u>	Date Compl. Ready to Prod. <u>7/21/92</u>		Total Depth <u>9850'</u>		P.B.T.D. <u>9776'</u>			
Elevations (DF, RKB, RT, GR, etc.) <u>GL-3719.7', KB-3739.7'</u>	Name of Producing Formation <u>Devonian</u>		Top Oil/Gas Pay <u>9750'</u>		Tubing Depth			
Perforations <u>9750'-9784'</u>					Depth Casing Shoe <u>9848'</u>			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
<u>17 1/2"</u>	<u>13 3/8"</u>		<u>310'</u>		<u>320</u>			
<u>12 1/4"</u>	<u>8 5/8"</u>		<u>2299'</u>		<u>1612</u>			
<u>7 7/8"</u>	<u>5 1/2"</u>		<u>9848'</u>		<u>240</u>			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature
T. L. Guillory Production Supt.
Printed Name
8/4/92 Title
915/682-1626
Date
Telephone No.

OIL CONSERVATION DIVISION

Date Approved AUG 10 1992
By ORIGINAL SIGNED BY, MINE
Title SUPERVISOR, DISTRICT I

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.